



SEQUENCE LISTING

<110> BOTTI, PAOLO
VILLAIN, MATTEO
MANGANIELLO, SONIA
GAERTNER, HUBERT

<120> CARBOXY PROTECTION STRATEGIES FOR ACIDIC C-TERMINAL
AMINO ACIDS IN CHEMICAL LIGATION OF OLIGOPEPTIDES

<130> 0949-UTL-GP

<140> 10/517,392
<141> 2004-11-24

<150> PCT/IB03/05473
<151> 2003-06-09

<150> 60/387,825
<151> 2002-06-10

<160> 21

<170> PatentIn Ver. 3.3

<210> 1
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1
Asp Lys Leu Leu Met
1 5

<210> 2
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (7)
<223> Leu-Pam

<400> 2
Tyr Ala Lys Tyr Ala Lys Leu
1 5

<210> 3
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (5)
<223> Asp(Mop)

<400> 3
Leu Tyr Arg Ala Asp Cys Ser Tyr Arg Phe Leu
1 5 10

<210> 4
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (5)
<223> Asp-thioester

<400> 4
Leu Tyr Arg Ala Asp
1 5

<210> 5
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (5)
<223> Glu-thioester

<400> 5
Leu Tyr Arg Ala Glu
1 5

<210> 6
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 6
 Cys Ser Tyr Arg Phe Leu
 1 5

<210> 7
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 7
 Leu Tyr Arg Ala Asp Cys Ser Tyr Arg Phe Leu
 1 5 10

<210> 8
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 8
 Leu Tyr Arg Ala Glu Cys Ser Tyr Arg Phe Leu
 1 5 10

<210> 9
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> Asp(beta)

<400> 9
Leu Tyr Arg Ala Asp Cys Ser Tyr Arg Phe Leu
1 5 10

<210> 10
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (5)
<223> Glu(gamma)

<400> 10
Leu Tyr Arg Ala Glu Cys Ser Tyr Arg Phe Leu
1 5 10

<210> 11
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (5)
<223> Glu(OFm)-thioester

<400> 11
Leu Tyr Arg Ala Glu
1 5

<210> 12
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (5)
<223> Glu(OPse)-thioester

<400> 12
Leu Tyr Arg Ala Glu
1 5

<210> 13
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (5)
<223> Glu(OPse)

<400> 13
Leu Tyr Arg Ala Glu Cys Ser Tyr Arg Phe Leu
1 5 10

<210> 14
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (5)
<223> Glu(OFm)

<400> 14
Leu Tyr Arg Ala Glu Cys Ser Tyr Arg Phe Leu
1 5 10

<210> 15
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (1)
<223> Fmoc-Asp(Troc)

<400> 15
Asp Tyr Ala Lys Tyr Ala Lys Leu
1 5

<210> 16
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (1)
<223> Ac-Asp(OPac)

<400> 16
Asp Tyr Ala Lys Tyr Ala Lys Leu
1 5

<210> 17
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (1)
<223> Ac-Asp(OMop)

<400> 17
Asp Tyr Ala Lys Tyr Ala Lys Leu
1 5

<210> 18
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
<221> MOD_RES
<222> (1)
<223> Ac-Asp(diMeOPac)

<400> 18
 Asp Tyr Ala Lys Tyr Ala Lys Leu
 1 5

<210> 19
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> Asp(Mop) -sr

<400> 19
 Leu Tyr Arg Ala Asp
 1 5

<210> 20
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> Asp(alpha)

<400> 20
 Leu Tyr Arg Ala Asp Cys Ser Tyr Arg Phe Leu
 1 5 10

<210> 21
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (5)
 <223> Asp(OMop)

<400> 21

Leu	Tyr	Arg	Ala	Asp	Cys	Ser	Tyr	Arg	Phe	Leu
1				5					10	